

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8529	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 17:14
S2	33	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) and ((heat or temperature) same "300" same "45" same minute\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 17:15
S4	4	((woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) same ((heat or temperature or calendar\$3 or calender\$3) same "300" same "45" same minute\$3) and (separator).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 17:17
S3	4	((woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) same ((heat or temperature) same "300" same "45" same minute\$3) and (separator).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 17:17
S5	22	((woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) same ((heat or temperature or calendar\$3 or calender\$3) same "300" same "45" same minute\$3) and (separator or electric\$5 or partition).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 17:18
S6	22	((woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) same ((heat or temperature or calendar\$3 or calender\$3) same ("300" or "572") same "45" same minute\$3) and (separator or electric\$5 or partition).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 17:19
S7	17	((woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) same ((heat or temperature or calendar\$3 or calender\$3) same ("300" or "572") same "45" same minute\$3) and (separator or electric\$5 or partition).ab.	EPO; JPO; DERWENT	OR	ON	2008/10/21 17:20

S8	65	((heat or temperature or calendar \$3 or calender\$3) same ("300" or "572") same "45" same minute\$3) and (separator or electric\$5 or partition)	EPO; JPO; DERWENT	OR	ON	2008/10/21 17:21
S11	255669	((429/129-147,247-255) or (264/175,614,620,653)).CCLS. or (("428") or ("442")).CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/22 08:44
S12	3555	S11 and ((separator) with (electrical or electronic or condensor or capacitor or battery or ion))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:45
S13	3568806	(heat\$3 or temperature or calendar \$3 or calender\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:46
S15	2542	S12 and S13 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:47
S14	2603305	(woven or film or nonwoven or paper or weav\$3 or non-woven or spunbond\$3 or spun-bond\$3 or meltblow\$3 or melt-blow\$3 or mat or web or webbing)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:47
S17	420	S12 and S13 and S14 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:49
S16	32284	(internal near3 resistance)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:49
S19	383	S12 and S13 and S14 and S16 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:59
S18	2607746	(aramid or (aromatic near4 polyester) or (aromatic near4 polyazo) or (aromatic near4 polyesteramide) or ( aromatic near4 polyether) or (polyether near2 ether near2 ketone) or (polyphenylene near4 sulfide) or (\$17benzo\$6azole\$1) or polyamidimide or polyimide or bis-maleimide or triazine or polyaminobismaleimide or TEFLON \$ or PTFE or polytetrafluoroethylene or ceramic or alumina or silica or alumina-silica or glass or wool or ( silicon near3 nitride) or (silicon near3 carbide) or carbon or zirconia or (potassium near2 titanate) or ( magnesium near3 hydroxysulfate) or (calcium near3 silicate))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 08:59
S20	6219313	(time or minute or min)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 09:00
S21	297	S12 and (S13 same S20) and S14 and S16 and S18	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 09:01
S22	1724	(264/175,614,620,653).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/22 09:03

S23	29	S22 and ((separator) with (electrical or electronic or condensor or capacitor or battery or ion))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 09:04
S24	27	S13 and S23	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 09:05
S26	29	S25 and ((separator) with (electrical or electronic or condensor or capacitor or battery or ion))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:36
S25	1728	(264/175,614,620,653).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/17 11:36
S27	1	("20070092799").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/17 11:42
S28	12634	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:44
S30	392	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) same (heat or temperature or calendar\$3 or calender\$3) and (separator or electric\$5 or partition).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:45
S29	1213	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) and (heat or temperature or calendar\$3 or calender\$3) and (separator or electric\$5 or partition).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:45

S31	198	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) with (heat or temperature or calendar\$3 or calender\$3) and (separator or electric\$5 or partition).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:46
S33	178	((((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) and (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) and (heat or temperature or calendar\$3 or calender\$3)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:47
S32	75	((((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) with (heat or temperature or calendar\$3 or calender\$3)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:47
S35	89	((((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) and (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) and (heat or temperature or calendar\$3 or calender\$3)).ab. and S34	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:48
S34	256436	((429/129-147,247-255) or (264/175,614,620,653)).CCLS. or (("428") or ("442")).CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/17 11:48

S38	4	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) and (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven))).ab. and S34 and (internal near3 resist\$5) and (heat or temperature or calendar\$3 or calender\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:49
S37	0	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) and (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven))).ab. and S34 and (internal adj resist\$5) and (heat or temperature or calendar\$3 or calender\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:49
S36	0	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) and (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven)) and (heat or temperature or calendar\$3 or calender\$3)).ab. and S34 and (internal adj resist\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:49
S39	56	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) with (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven))) and S34 and (internal near3 resist\$4) and (heat or temperature or calendar\$3 or calender\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 11:51

L5	11	((aramid\$3 or polyaramid\$3 or metaramid\$3 or meta-aramid\$3 or para-aramid\$3 or p-aramid\$3 or m-aramid\$3 or KEVLAR\$ or NOMEX\$ or TECHNORA\$ or TWARON\$ or VECTRAN\$ or TEIJINCONEX\$ or KERMEL\$) and (woven or film or fabric or weav\$3 or paper or non-woven or nonwoven))) and (internal near3 resist\$4) and (heat or temperature or calendar\$3 or calender\$3)	EPO; JPO; DERWENT	OR	ON	2008/11/17 13:29
L3	256436	((429/129-147,247-255) or (264/175,614,620,653)).CCLS. or (("428") or ("442")).CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/17 13:29
L6	1	("20030056305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/17 13:31
L7	8	((SHINJI) near2 (NARUSE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 13:36
L9	163545	8 and (resistance).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 13:37
L8	7341087	"8" or (dupont).asn. or (teijin).asn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 13:37
L11	2	8 and (resistance).clm. and (aramid).clm. and (separator).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 13:38
L10	433	8 and (resistance).clm. and (aramid).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 13:38

11/17/2008 2:12:51 PM

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